



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bryan *et al.*

Serial No. 09/808,898

Filed: March 15, 2001

For: *RENILLA RENIFORMIS FLUORESCENT
PROTEINS AND THE USE THEREOF IN
DIAGNOSTICS, HIGH THROUGHPUT
SCREENING AND NOVELTY ITEMS*

Art Unit: Unassigned

Examiner: Unassigned

I hereby certify that this paper and the attached
papers are being deposited with the United States
Postal Service as first class mail in an envelope
addressed to:
Commissioner for Patents
Washington, D.C. 20231, on this date.

05/23/01
Date

Kelly Fischer
Kelly Fischer

Re Amended
#12/A
DT
1-19-02

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to examination of the above-captioned patent application,
please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows (a marked-up copy of the
amended specification is attached to this Amendment):

Please replace the paragraph on page 2, lines 8-24, with the following
paragraph.

BACKGROUND OF THE INVENTION

a
Luminescence is a phenomenon in which energy is specifically channeled
to a molecule to produce an excited state. Return to a lower energy state is
accompanied by release of a photon (h ν). Luminescence includes fluorescence,
phosphorescence, chemiluminescence and bioluminescence. Bioluminescence is
the process by which living organisms emit light that is visible to other
organisms. Luminescence may be represented as follows:

